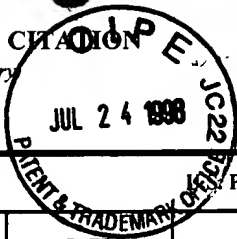


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

9872

Application Number

08/746,360

Applicant(s)

Ted Christopher

Filing Date

Herewith

Group Art Unit

3305

PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>M</i>		5,724,976	3/10/98	Mine et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M</i>		Schrope, B. et al. (1992) "Simulated Capillary Blood Flow Management Using A Nonlinear Ultrasonic Contrast Agent", <u>Ultrasonic Imaging</u> , Vol 14:134-158

EXAMINER

[Signature]

DATE CONSIDERED

8-10-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

9872

Application Number

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Applicant(s)

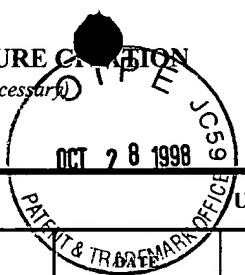
Ted Christopher

Filing Date

November 8, 1996

Group Art Unit

3305

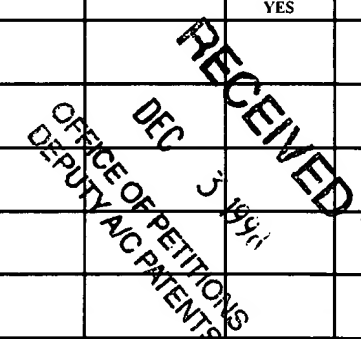


U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

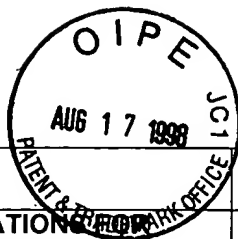
		Fosberg, F. (1993) "In Vivo Application of Contrast-Enhanced Harmonic Imaging", <u>Radiological Society of North America</u> , Abstract No. 1047.

EXAMINER

DATE CONSIDERED

8-10-02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	SERIAL NO. 08/746,360	CASE NO. 5050/296
LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE November 8, 1996	GROUP ART UNIT 3700
APPLICANT(S): Ted Christopher		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>[Signature]</i>	B1	5,724,976	3/10/98	Mine et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	B2	WO 98/20361	5/14/98	PCT		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>[Signature]</i>	B3	Schrope, Newhouse, and Uhendorf, "Simulated Capillary Blood Flow Measurement Using a Nonlinear Ultrasonic Contrast Agent," Ultrasonic Imaging 14, 134-158 (1992).

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 8-10-03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

9872

Application Number

08/746,360

Applicant(s)

Ted Christopher

Filing Date

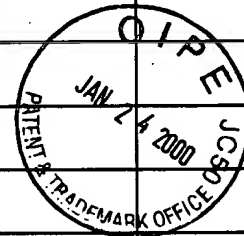
November 8, 1996

Group Art Unit

3305

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PA		5,897,500	04/27/99	Zhao			
		5,846,202	12/08/98	Ramamurthy, et al.			
		5,833,614	11/10/98	Dodd, et al.			
		5,833,613	11/10/98	Averkio, et al.			
		5,740,128	04/14/98	Hossack, et al.			
		5,577,505	11/26/96	Brock-Fisher, et al.			
		5,396,285	03/07/95	Hedberg, et al.			
		5,313,948	05/24/94	Murashita, et al.			
		5,111,823	05/12/92	Cohen			
		5,034,931	07/23/91	Wells			
Y		4,610,255	09/09/86	Shimura, et al.			



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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
Y		851 241 A2	07/01/98	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Averkio, et al., (1995), "Measurements of harmonic generation in a focused finite-amplitude sound beam", J. Acoust. Soc. Am 98(6), pp. 3439-3442.
		Dunn, et al., (1981), "Ultrasonic determination of the nonlinearity parameter B/A for biological media", J. Acoust. Soc. Am. 69(4), pp. 1210-1212.

EXAMINER

[Signature]

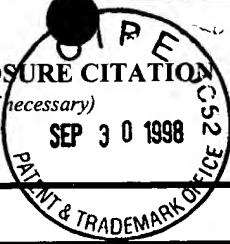
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08/746,360

Applicant(s)
Ted Christopher

Filing Date
November 8, 1996

Group Art Unit
3305

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M		4,483,345	11/20/84	Miwa			
		4,620,546	11/4/86	Aida et al.			
		4,865,042	9/12/89	Umemura et al.			
		5,158,071	10/27/92	Umemura et al.			
		5,435,311	7/25/95	Umemura et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

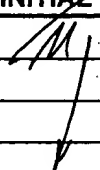
EXAMINER

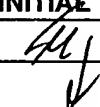
DATE CONSIDERED



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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. 08/746,360	CASE NO. 5050/296
	FILING DATE November 8, 1996	GROUP ART UNIT 3305
	APPLICANT(S): Ted Christopher	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,865,042	9/12/89	Umemura et al.		
	A2	5,435,311	7/25/95	Umemura et al.		
	A3	4,620,546	11/4/86	Aida et al.		
	A4	5,724,976	3/10/98	Mine et al.		

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	A5	EP 0 851 241 A2	7/1/98	EPO		
	A6	WO 98/20361	5/14/98	PCT		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A7	U.S. Provisional Patent Application Serial Number 60/032,771 (filed November 26, 1996)
	A8	Experimental investigation of propagation and reflection phenomena in finite amplitude sound beams," Ph.D. dissertation of Michalakis Averkiou, The University of Texas at Austin (May 1994)
	A9	Abstract No. 1047 - "In Vivo Application of Contrast-enhanced Harmonic Imaging," Forsberg et al., Volume 189(P) Supplement to <i>Radiology</i> (November 1993)
	A10	A copy of Acuson's Petition for the Institution of a Public Use Proceeding (filed October 22, 1998)
	A11	"Simulated Capillary Blood Flow Measurement Using a Nonlinear Ultrasonic Contrast Agent," E. S. Brope, V.L. Newhouse, and V. Uhlendorf, <i>Ultrasonic Imaging</i> 12, 134-158 (1992)
	A12	Abstract No. 1046 - "Harmonic Contrast-enhanced Doppler as a Method for the Elimination of Clutter: In Vivo Duplex and Color Studies," Burns et al., Volume 189(P) Supplement to <i>Radiology</i> (November 1993)

EXAMINER 	DATE CONSIDERED 8-10-03
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	FILING DATE November 8, 1996	GROUP ART UNIT 3305
	APPLICANT(S): Ted Christopher	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A13	Ultramark 9 Ultrasound System Operation Manual; cover page, title page, and page S-3 (November 1988)
	A14	A copy of the Averkiou Protest (filed October 22, 1998)

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